PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
o a collection of information unless it displays a valid OMB coastal. ct of 1995, no persons are required to res

## TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 205.00
-------------

Complete if Known			
Application Number	09/702,407	DE05"/5	
Filing Date	October 31, 2000	RECEIVED	
First Named Inventor	Steven T. Kelling	JUL 2 5 2003	
Examiner Name	Jean B. Fleurantin	30F % 3 500	
Art Unit	2172	Technology Center 210	
Attorney Docket No.	10845-131		

Check   Credit card   Money   Other   None   Pepsial Account: (deficiencies only)	METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)	
Deposit Account: (deficiencies only)   Deposit Account: (deficiencies only)   Deposit Account:   O3-2410 (Order No. 10845-131)   Deposit Account:   O3-2410 (Order No. 10845-131)   Deposit Account:   O3-2410 (Order No. 10845-131)   Deposit Account:   O4-2410 (Order No. 10845-131)   O5-240			
Deposit Account Number   Perkins   Smith & Cohen   LLP   Lost   Perkins   Smith & Cohen   LLP   Lost   Perkins   Smith & Cohen   LLP   Lost	Urder L		
Account Number   Perkins, Smith & Cohen, LLP   1051 130   2051 65   Surcharge - late filing fee or oath   1052 50   2052 25   Surcharge - late provisional filing fee or cover sheet   1053 130   10	Deposit		
Deposit Account Petrkins, Smith & Cohen, LLP The Commissioner is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments Charge fee(s) indicated below Credit any overpayments Charge fee(s) indicated below, except for the filing fee In the above-identified deposit account.  FEE CALCULATION 1805 1.840 1805	Account   03-2410 (Order No. 10845-131)	Fee	2 Paid
Name	Denosit	The Constant of the Constant o	
Charge fee(s) indicated below   Credit any overpayments   1812 2.520   1812 2.520   1814 920*   1824 920*   1825 1820   1825	Account Name Perkins, Smith & Cohen, LLP	The second second second second second	
Charge any additional fee(s) during the pendency of this application   1804 920* Requesting publication of SIR prior to Examiner action   1805 1,840*   1805	The Commissioner is authorized to: (check all that apply)		
Charge feet(s) indicated below, except for the filing fee to the above-identified deposit account.    FEE CALCULATION   1251   110   1251   150   1252   135   1350   1360   13			
Total Claims		na passing passing about or one prior to	
Substitute   Sub		1805 1,840* 1805 1,840* Requesting publication of SIR after	
1. BASIC FILING FEE   Large Entity   Small Entity   Fee		Examiner action	
1253   930   2253   465   Extension for reply within third month   1254   1,450   2254   725   Extension for reply within fourth month   1255   1,970   2255   985   Extension for reply within fourth month   1255   1,970   2255   985   Extension for reply within fourth month   1255   1,970   2255   985   Extension for reply within fifth month   1255   1,970   2255   985   Extension for reply within fifth month   1255   1,970   2255   985   Extension for reply within fifth month   1255   1,970   2255   985   Extension for reply within fifth month   1255   1,970   2255   985   Extension for reply within fifth month   1255   1,970   2250   2402   160   Filing a brief in support of an appeal   1403   280   2402   160   Filing a brief in support of an appeal   1451   1,510   1451   1,510   Petition to institute a public use proceeding   1452   110   2452   55   Petition to revive - unavoidable   1453   1,300   2453   650   Petition to revive - unavoidable   1502   470   2502   235   Design issue fee   1502   470   2502   235   Design issue fee   1502   470   2502   235   Design issue fee   1503   2503   2503   2503   250   2503		205	i.00
Total Claims			-+
Code (\$)	Fee Fee Fee Fee Description Fee Paid	200 Extended to repry within third month	
1002 330 2002 165 Design filing fee	Code (\$)	Extension for repry within fourth month	
1003   520   2003   260   Plant filing fee   1402   320   2402   160   Filing a brief in support of an appeal   1402   320   2402   160   Filing a brief in support of an appeal   1403   280   2403   140   Request for oral hearing   1405   1501   1510   1451   1,510   Petition to institute a public use proceeding   1451   1,510   1451   1,510   Petition to revive - unavoidable   1453   1,300   2452   55   Petition to revive - unavoidable   1453   1,300   2501   650   Utility issue fee (or reissue)   1501   1,300   2501   650   Utility issue fee (or reissue)   1503   630   2503   315   Plant issue fee   1460   130   Petitions to the Commissioner   1460   130   Petition to revive - unavoidable   1460	4000 and 1000		$\dashv$
1004 750   2004 375   Reissue filing fee   1403 280   2403 140   Request for oral hearing   1451 1,510   14	dana	The Molice of Appeal	
1005 160 2005 80 Provisional filing fee SUBTOTAL (1) (\$) 1451 1,510 1452 11.0 2452 55 Petition to revive - unavoidable 1453 1,300 2501 650 Utility issue fee (or reissue) 1501 1,300 2501 650 Utility issue fee (or reissue) 1502 470 2502 235 Design issue fee 1503 630 2503 315 Plant issue fee 1503 630 2503 315 Plan	Total Timing 100	and a sing a sing a sing an appear	
SUBTOTAL (1) (\$)  2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE    Extra Claims	100 Tools Tilling lee		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Fee from below Fee Paid  Total Claims -20** = X = 1503 630 2503 315 Plant issue fee  1503 630 2503 315 Plant issue fee  1504 130 Petitions to the Commissioner  1505 18 2202 9 Claims in excess of 20  1204 84 2204 42 "Reissue independent claims over original patent  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  1505 180 2470 2502 235 Design issue fee  1506 360 2503 315 Plant issue fee  1508 180 180 180 180 Petitions to the Commissioner  1607 50 1807 50 Processing fee under 37 CFR 1.17(q)  1806 180 1806 180 Submission of Information Disclosure Stmt Property (times number of properties)  1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a))  1801 750 2801 375 Request for Continued Examination of a design application  1801 750 2801 375 Request for Continued Examination of a design application  1802 900 1802 900 Request for expedited examination of a design application	Total day in the state of the s	the very state to institute a public use proceeding	
Total Claims	SUBTOTAL (1) (\$)		
Total Claims	2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	and the few and th	
Total Claims		1500 I Tolking I South	-
Claims Multiple Dependent  Large Entity Small Entity Fee Fee Fee Code (\$)  1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claims over original patent  1204 84 2204 42 "Reissue independent claims over original patent  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$)  1460 130 1460 130 Petitions to the Commissioner 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties) 1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b)) 1801 750 2801 375 Request for Continued Examination of a design application  1802 900 1802 900 Request for expedited examination of a design application	Total Claims20** = X =	and Badigit 10000 100	——
Large Entity   Small Entity   Fee Fee   Fee Fee   Code (\$)   Code	Claims		-
Large Entity   Small Entity   Fee Fee   Fee Fee   Code (\$)	Multiple Dependent	The state of the s	-+
Code (\$)  Code (		of Troopsing led dilder 57 Gr (C 1.17(q)	$\dashv$
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 "Reissue independent claims over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 1802 900 Request for expedited examination of a design application 1205 1802 900 Request for expedited examination of a design application 1205 1805 1805 1805 1805 1805 1805 1805 18		Properties such asteria and an income of the	-
1201 84 2201 42 Independent claims in excess of 3  1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 "Reissue independent claims over original patent 1801 750 2801 375 For each additional invention to be examined (37 CFR 1.129(b)) 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1802 900 1802 900 Request for expedited examination of a design application 1802 900 Other fee (specify)	1202 18 2202 9 Claims in excess of 20	property (times number of properties)	
1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent 1205 18 2205 (\$) Use of the control of a design application 1205 1205 1205 1205 1205 1205 1205 1205	1201 84 2201 42 Independent claims in excess of 3		
1204 84 2204 42 ** Reissue independent claims over original patent 1801 750 2801 375 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application 1801 750 2801 375 Request for expedited examination of a design application 1802 900 Other fee (specify)	1203 280 2203 140 Multiple dependent claim, if not paid		_
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)		examined (37 CFR 1.129(b))	
and over original patent  Other fee (specify)  Description:		tool to traduction definition (RCE)	
SUBTOTAL (2) (\$) Other fee (specify)		The second of th	
*Deduced by Control But the Day	SUBTOTAL (2) (\$)		
**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 205.00	<b>=</b>		

SUBMITTED BY (Complete (if applicable) Name (Print/Type) Registration No. Jacob N. Erlich 24,338 Telephone 617-854-4000 (Attorney/Agent) Signature JULY 21, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.